

# Marcos Agnoletto Forte

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## Education

- Feb/22 – Aug/26\* ■ Ph.D. in Mathematics at the **Federal University of ABC (UFABC)**.  
Scholarship: CAPES.  
Advisors: *Stefano Nardulli, Márcio Fabiano da Silva, Paolo Piccione* and *Reinaldo Resende*.  
\*Expected.
- Jun/19 – Jan/22 ■ Master's Degree in Mathematics at the **Federal University of ABC (UFABC)**.  
Scholarship: CAPES.  
Advisors: *Stefano Nardulli* and *Márcio Fabiano da Silva*.
- Aug/18 – Sep/22 ■ Bachelor's Degree in Mathematics at the **Federal University of ABC (UFABC)**.  
Scholarship: CAPES and UFABC.  
Advisor: *Márcio Fabiano da Silva* and *Mariana Rodrigues da Silveira*.
- Jun/14 – Sep/18 ■ Bachelor's Degree in Science and Technology at the **Federal University of ABC (UFABC)**.  
Scholarship: CAPES.  
Advisor: *Márcio Fabiano da Silva*.

## Research

### Academic Works

- 1 M. A. Forte and M. F. da Silva, "A Stereological Version Of Gauss-Bonnet Formula," Bachelor thesis, May 2022.
- 2 M. A. Forte, S. Nardulli, and M. F. da Silva, "Optimal Isoperimetric Inequality In Cartan-Hadamard Manifolds And The Aubin's Conjecture," Master thesis, In portuguese, Available in: Plataforma Sucupira, Accessed July, 2023, Dec. 2021.
- 3 M. A. Forte and M. R. da Silveira, "Homology Of Surfaces," Undergraduate research, Nov. 2019.
- 4 M. A. Forte and M. F. da Silva, "Geometric Probability And The Integral Geometry On Euclidean Plane II," Undergraduate research, Nov. 2017.
- 5 M. A. Forte and M. F. da Silva, "Geometric Probability And The Integral Geometry On Euclidean Plane I," Undergraduate research, Nov. 2016.

## Events




### Talks

- January, 2023 ■ Primeiro Workshop da Pós-Graduação Integrada com a semana da FÍSICA, UNESP, Brazil.  
Talk title: *Limits Of Spacetimes*.

## Events (continued)

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### Posters

- November, 2019     XII Simpósio de Iniciação Científica, UFABC, Brazil.  
Poster title: *Homology Of Surfaces*.
- November, 2017     X Simpósio de Iniciação Científica, UFABC, Brazil.  
Poster title: *Geometric Probability And The Integral Geometry On Euclidean Plane II*.
- November, 2016     IX Simpósio de Iniciação Científica, UFABC, Brazil.  
Poster title: *Geometric Probability And The Integral Geometry On Euclidean Plane I*.

## Teaching

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### Teaching Assistant

- Sept/23 – Dec/23     Differential Geometry II at the Federal University of ABC.
- Feb/20 – May/20     Non-Euclidean Geometry at the Federal University of ABC.
- Jul/19 – Dec/19     Calculus II at the Federal University of ABC.
- Feb/19 – Jun/19     Calculus I at the Federal University of ABC.